

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130526.D
 Acq On : 04 Oct 2022 19:17
 Operator : CG\JU
 Sample : N4919-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:21:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

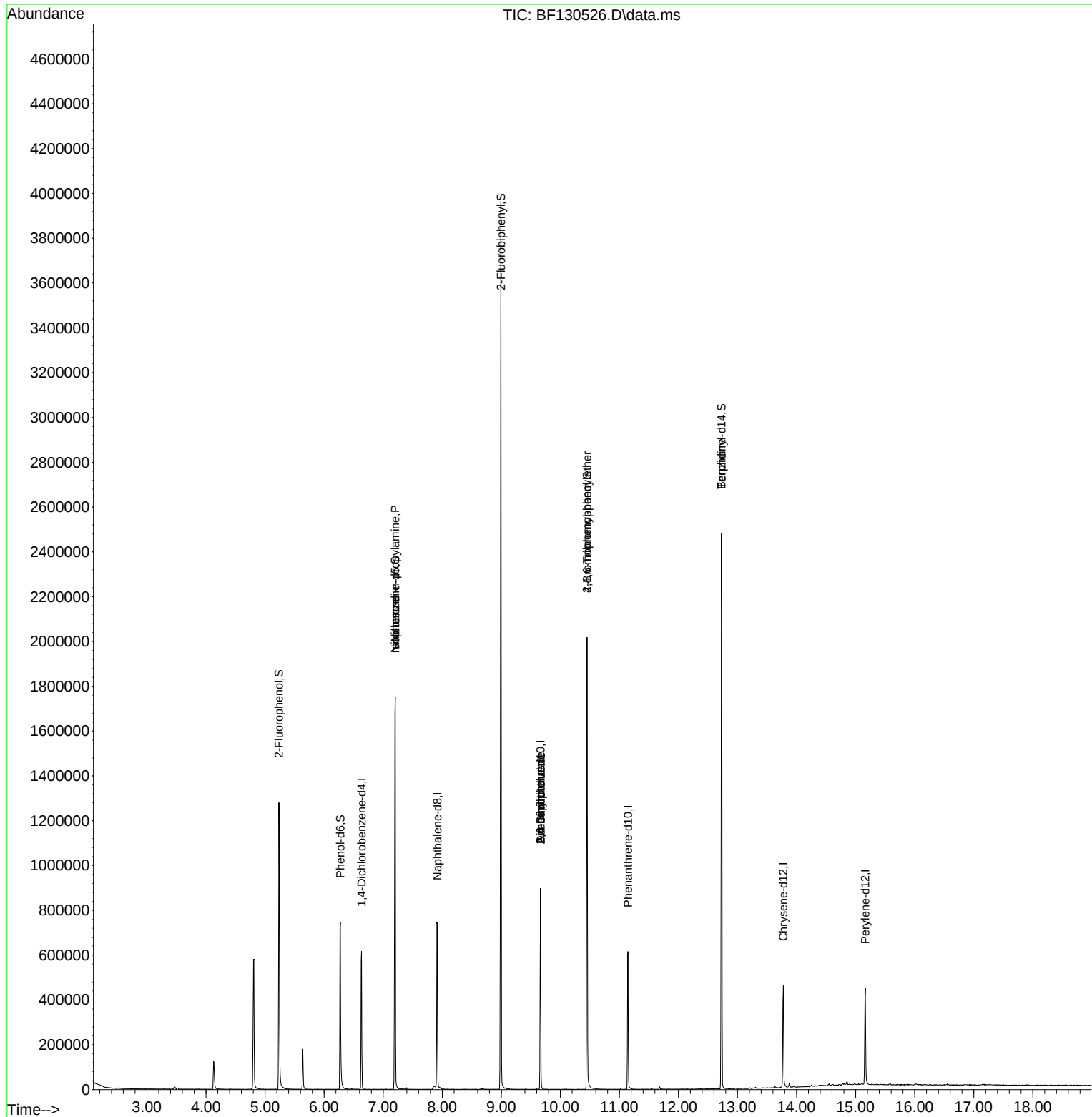
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	90846	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	346204	20.000	ng	#-0.01
39) Acenaphthene-d10	9.663	164	166162	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	235115	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	152406	20.000	ng	-0.02
86) Perylene-d12	15.163	264	182694	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	349996	66.822	ng	-0.01
7) Phenol-d6	6.275	99	272327	41.554	ng	-0.02
23) Nitrobenzene-d5	7.204	82	614610	90.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.451	330	223010	140.069	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	1095895	96.041	ng	-0.02
79) Terphenyl-d14	12.727	244	848838	92.260	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	83683	18.923	ng	# 71
25) Isophorone	7.204	82	612632	56.091	ng	# 66
50) Dimethylphthalate	9.663	163	30147	2.627	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	20273	8.446	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	20273	6.608	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	13612	5.248	ng	# 1
77) Benzidine	12.727	184	12745	2.881	ng	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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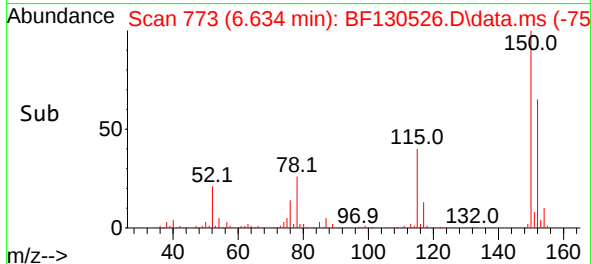
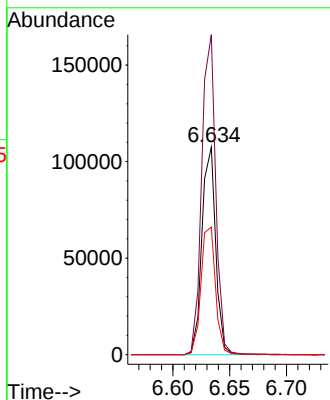
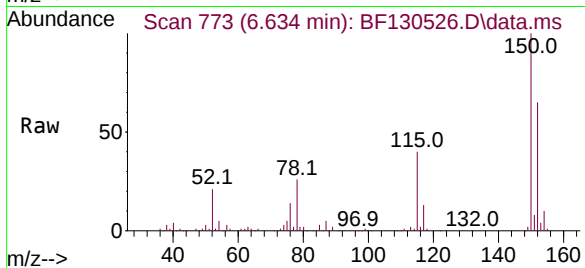




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

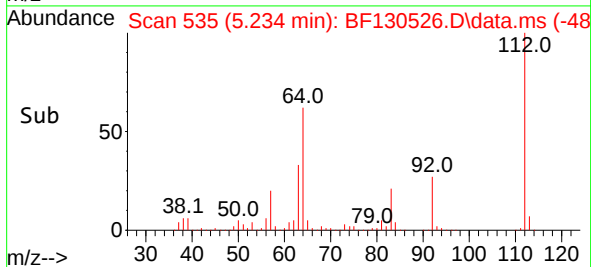
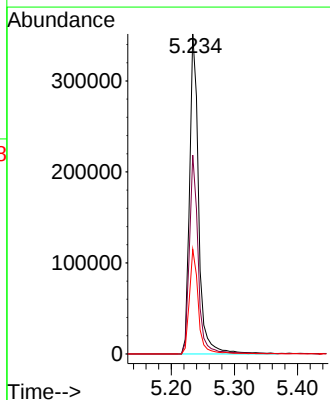
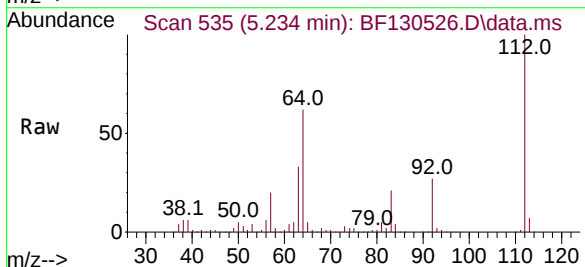
Instrument :
BNA_F
ClientSampleId :

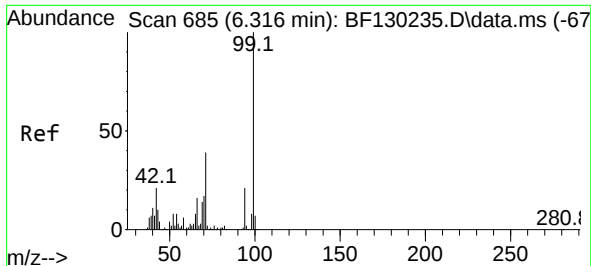
Tgt Ion:152 Resp: 90846
Ion Ratio Lower Upper
152 100
150 154.2 122.8 184.2
115 61.5 53.8 80.8



#5
2-Fluorophenol
Concen: 66.822 ng
RT: 5.234 min Scan# 535
Delta R.T. -0.012 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Tgt Ion:112 Resp: 349996
Ion Ratio Lower Upper
112 100
64 62.1 51.4 77.0
63 32.7 28.8 43.2



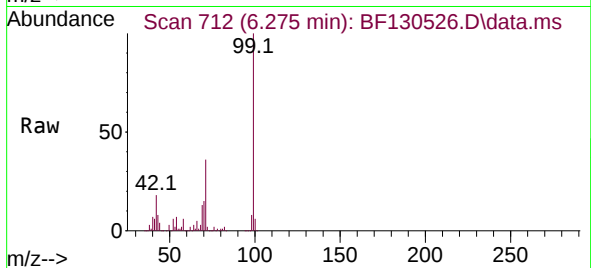


#7
Phenol-d6
Concen: 41.554 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

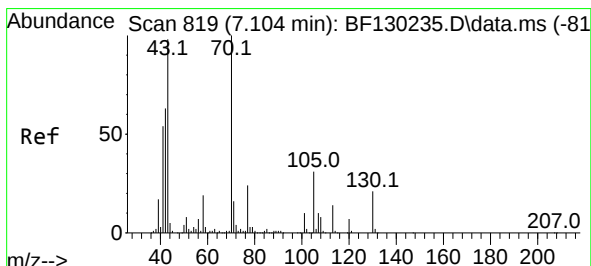
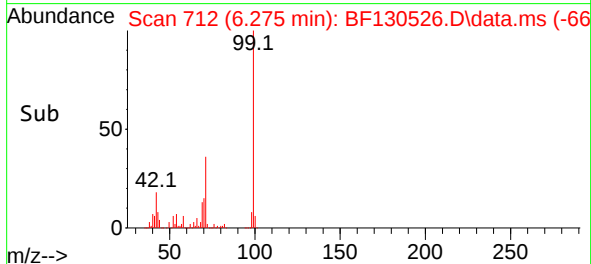
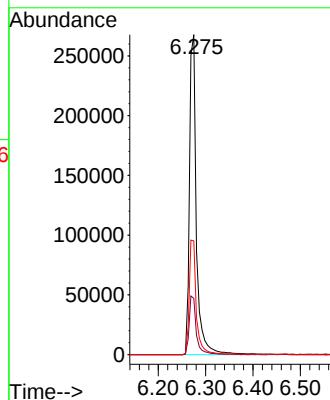
Instrument :

BNA_F

ClientSampleId :

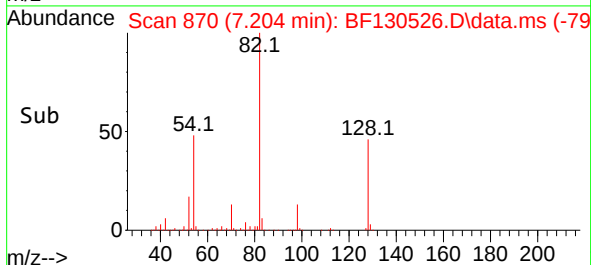
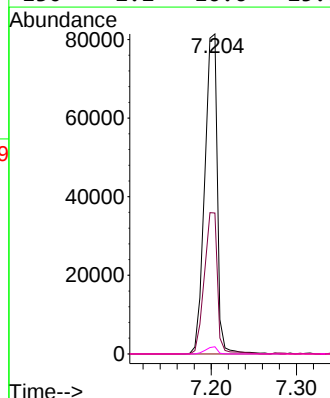
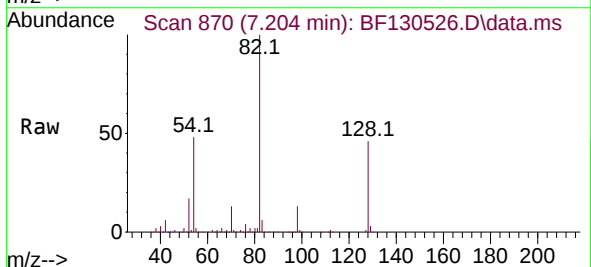


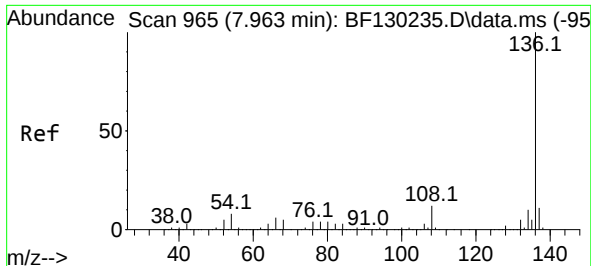
Tgt Ion: 99 Resp: 272327
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.923 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

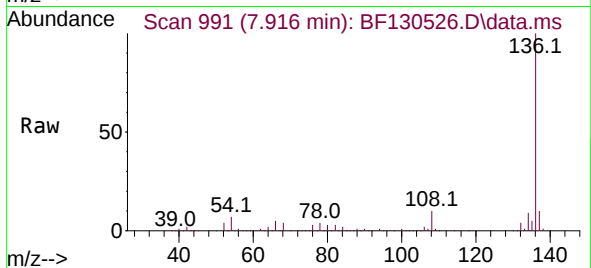
Tgt Ion: 70 Resp: 83683
Ion Ratio Lower Upper
70 100
42 44.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#



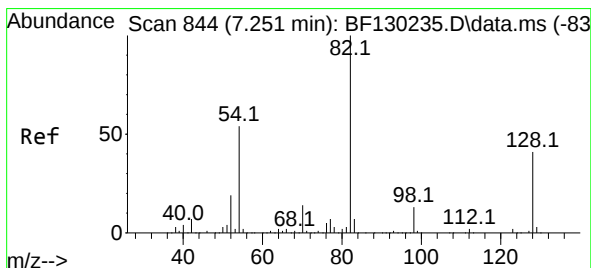
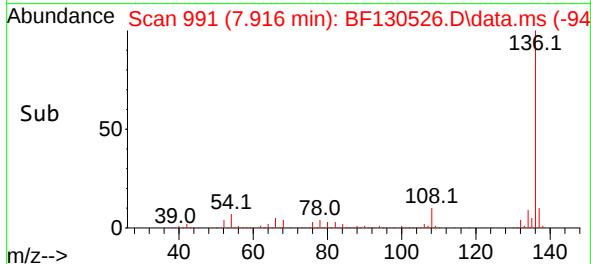
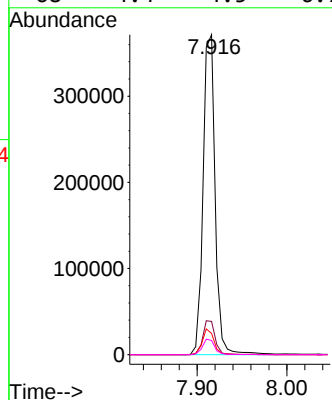


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Instrument :
BNA_F
ClientSampleId :

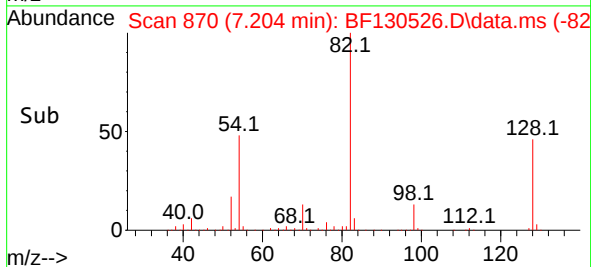
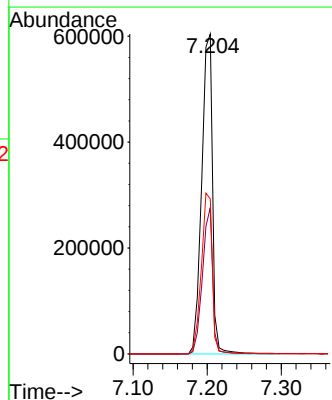
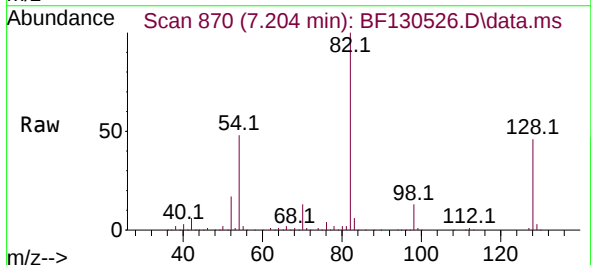


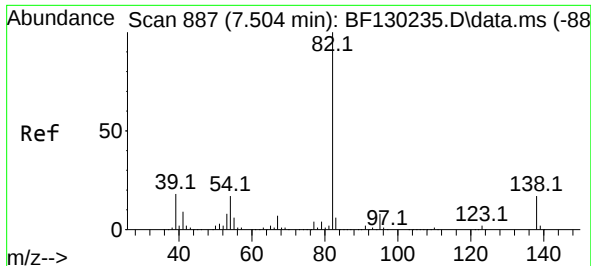
Tgt Ion:136 Resp: 346204
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.6 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 90.697 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Tgt Ion: 82 Resp: 614610
Ion Ratio Lower Upper
82 100
128 45.7 32.6 49.0
54 48.4 43.8 65.6

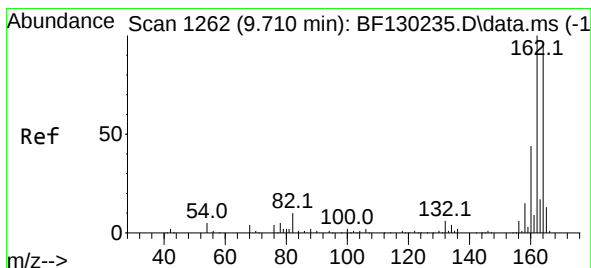
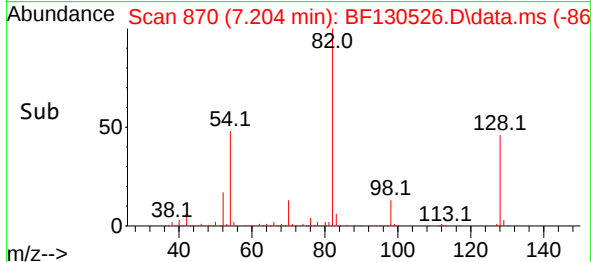
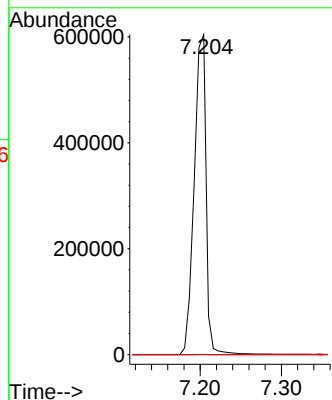
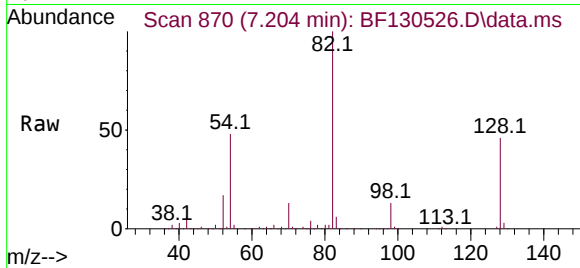




#25
Isophorone
Concen: 56.091 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

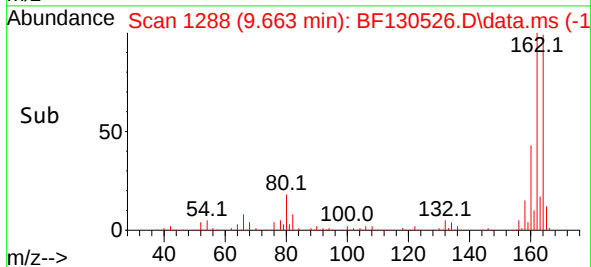
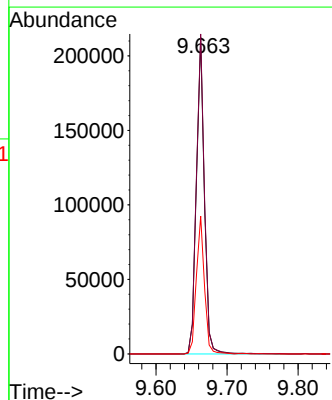
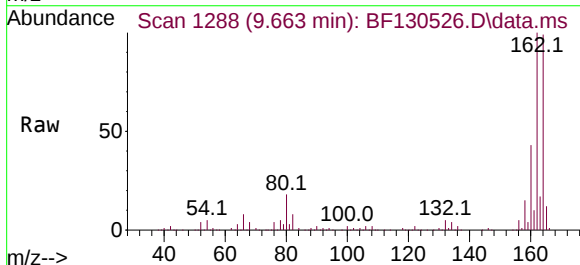
Instrument :
BNA_F
ClientSampleId :

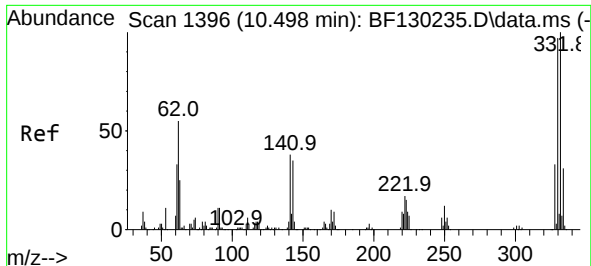
Tgt Ion: 82 Resp: 612632
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

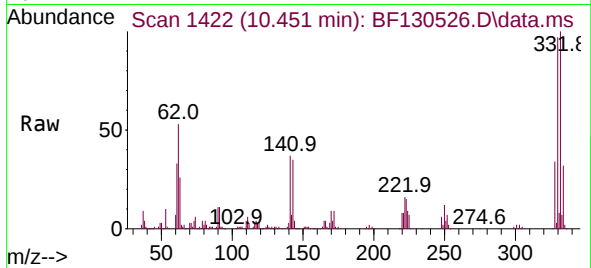
Tgt Ion:164 Resp: 166162
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.5 36.2 54.4



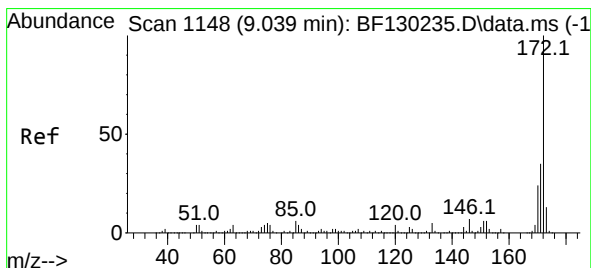
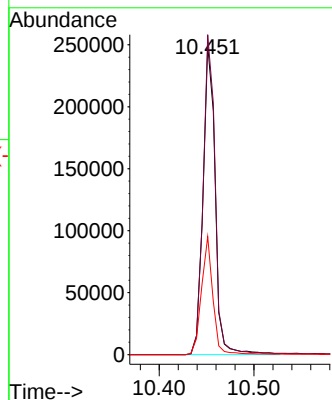
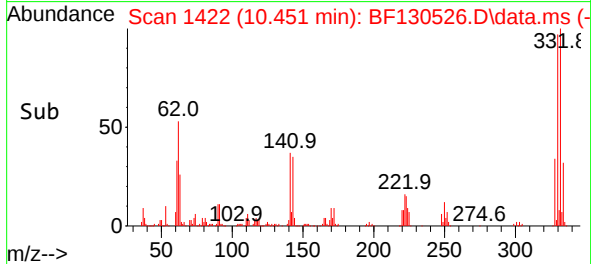


#42
2,4,6-Tribromophenol
Concen: 140.069 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Instrument :
BNA_F
ClientSampleId :

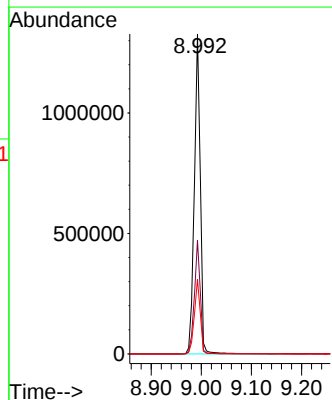
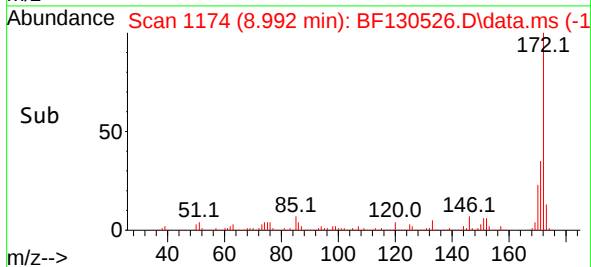
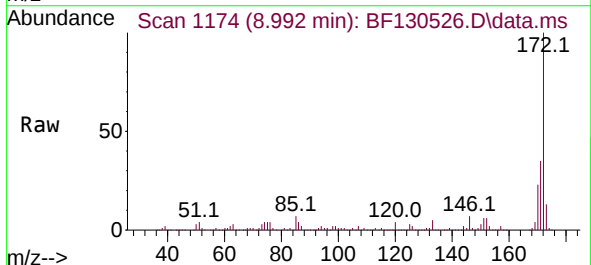


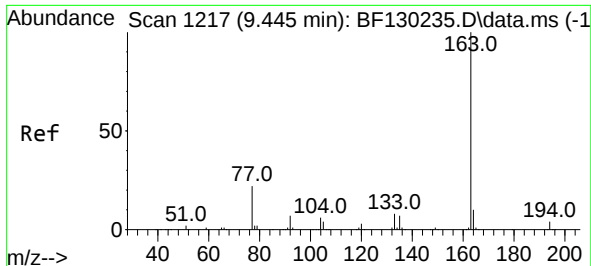
Tgt Ion:330 Resp: 223010
Ion Ratio Lower Upper
330 100
332 103.9 83.4 125.2
141 35.8 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 96.041 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Tgt Ion:172 Resp: 1095895
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.7 28.1

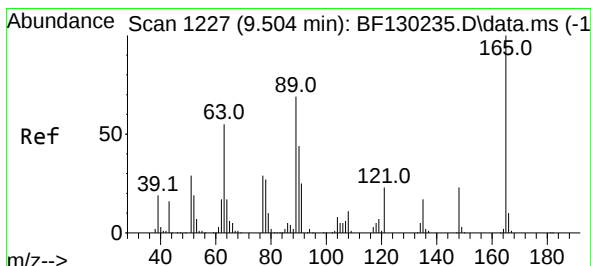
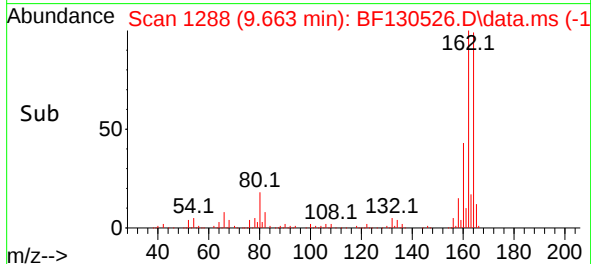
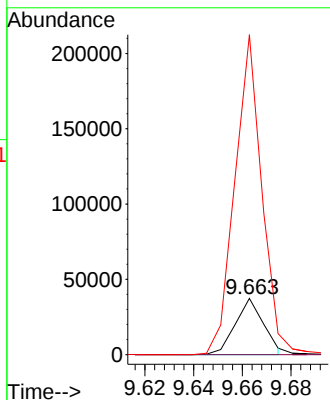
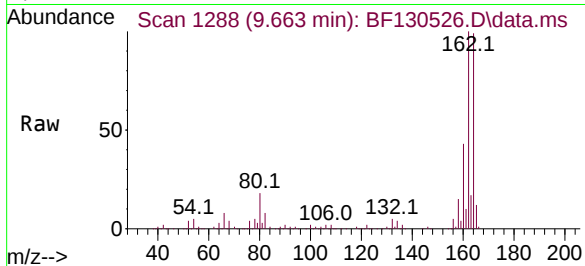




#50
Dimethylphthalate
Concen: 2.627 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.247 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

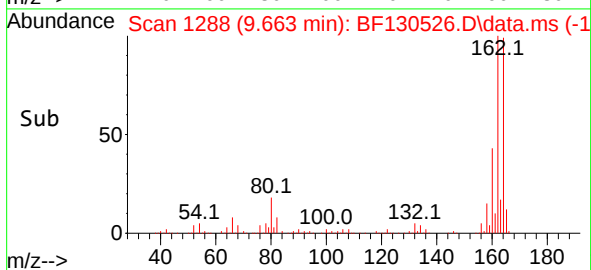
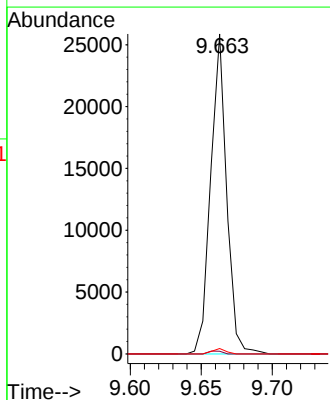
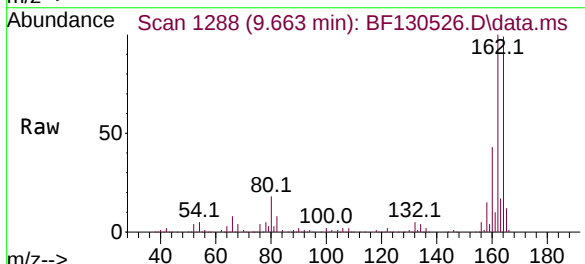
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BNA_F
ClientSampleId :

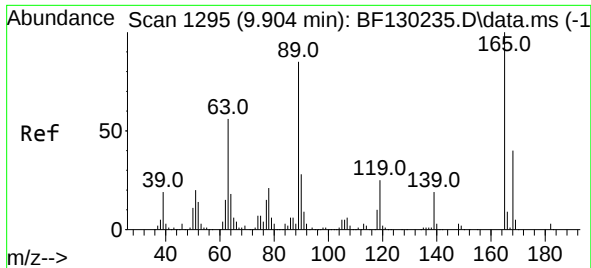
Tgt Ion:163 Resp: 30147
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 569.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

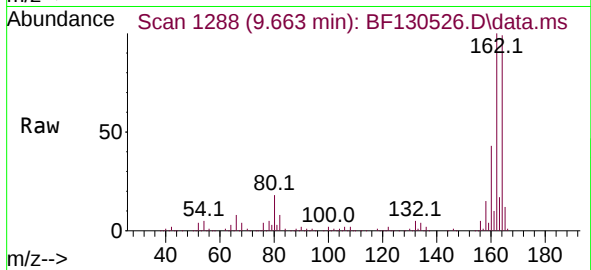
Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.7 54.5 81.7#



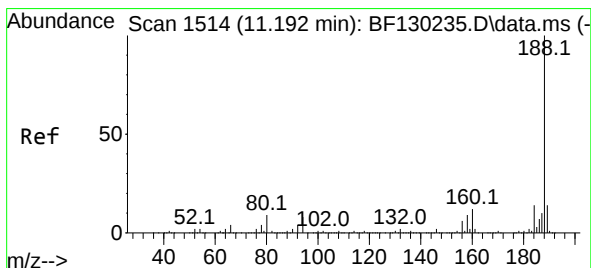
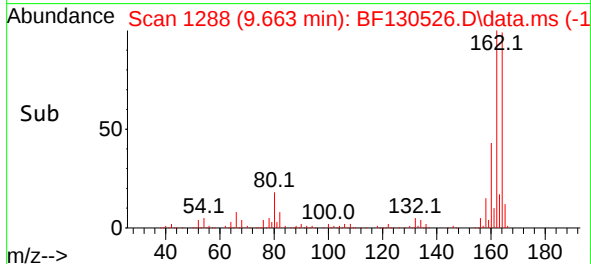
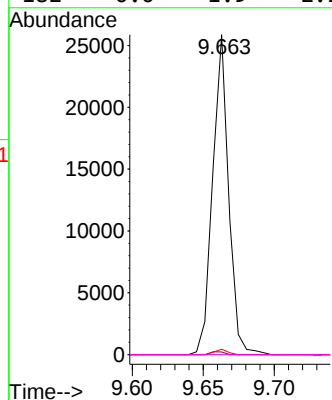


#57
2,4-Dinitrotoluene
Concen: 6.608 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Instrument :
BNA_F
ClientSampleId :

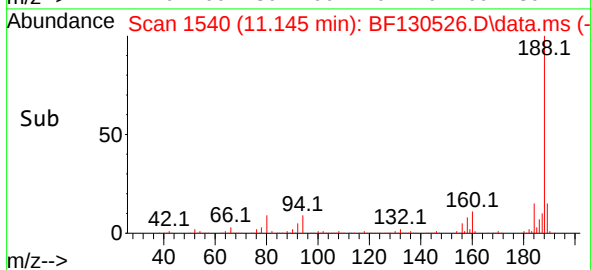
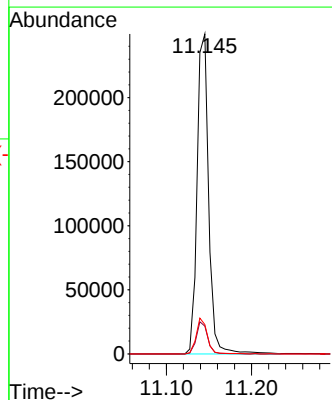
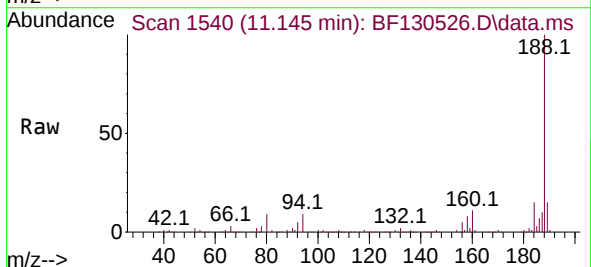


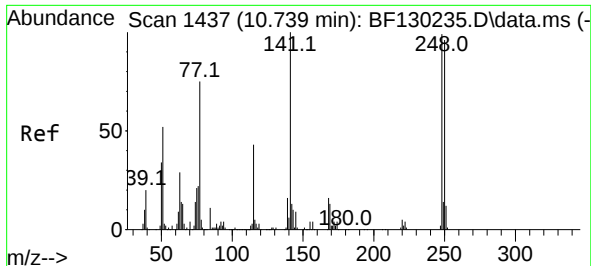
Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

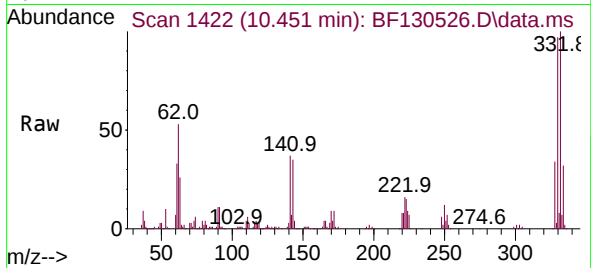
Tgt Ion:188 Resp: 235115
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.2 7.9 11.9



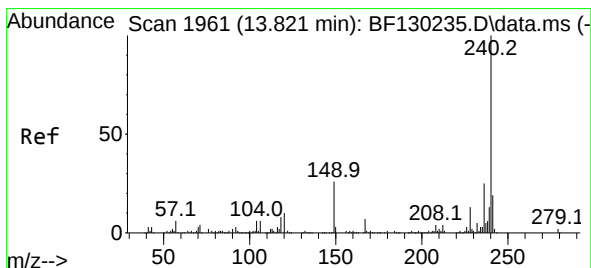
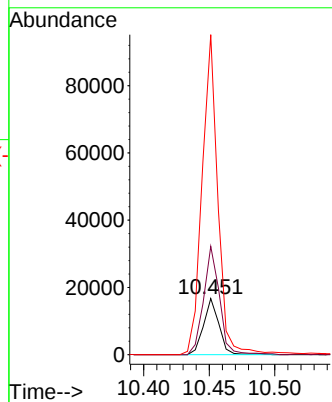
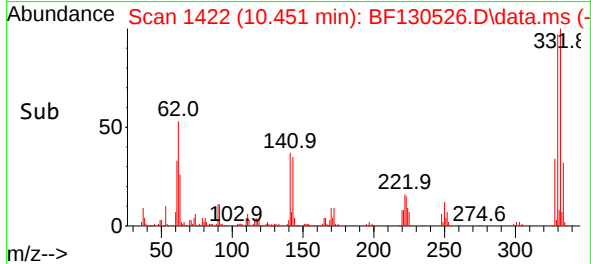


#67
4-Bromophenyl-phenylether
Concen: 5.248 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

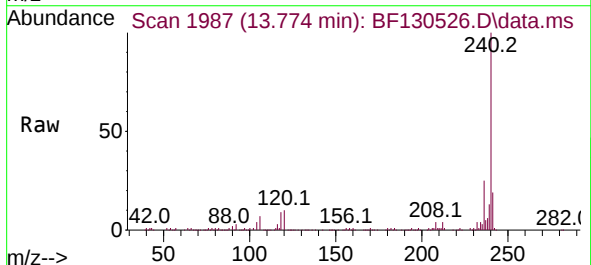
Instrument :
BNA_F
ClientSampleId :



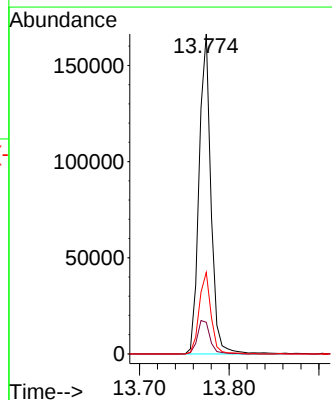
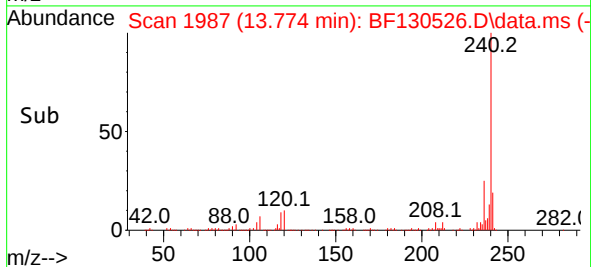
Tgt Ion:248 Resp: 13612
Ion Ratio Lower Upper
248 100
250 192.9 80.0 120.0#
141 570.4 68.5 102.7#

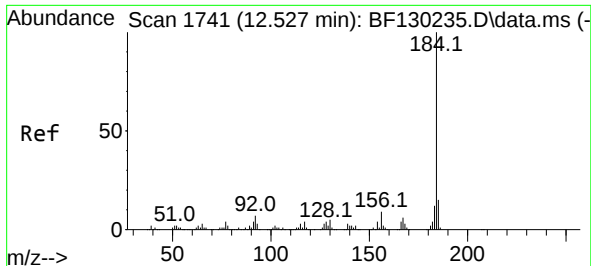


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17



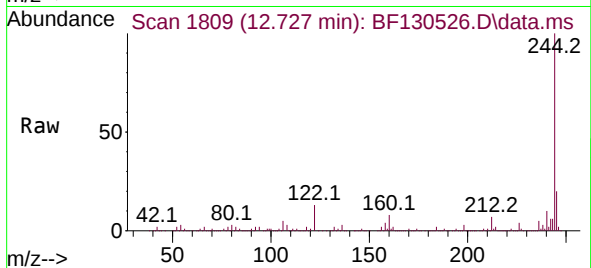
Tgt Ion:240 Resp: 152406
Ion Ratio Lower Upper
240 100
120 9.9 8.7 13.1
236 25.5 20.9 31.3



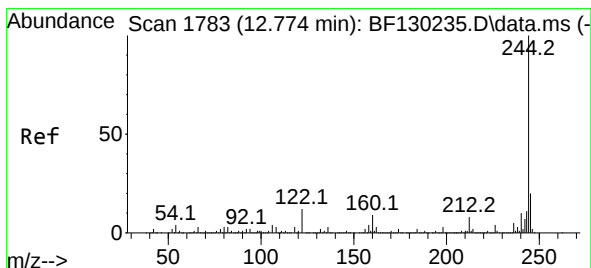
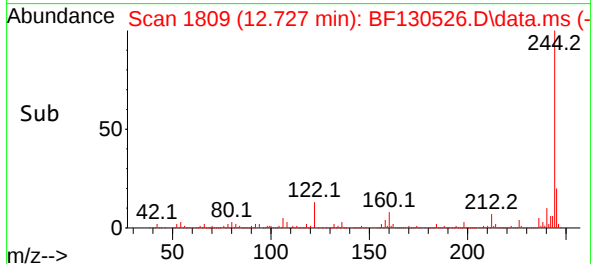
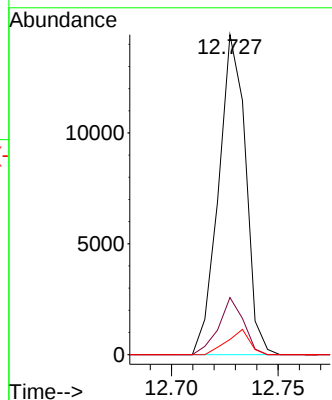


#77
Benzidine
Concen: 2.881 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.229 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

Instrument :
BNA_F
ClientSampleId :

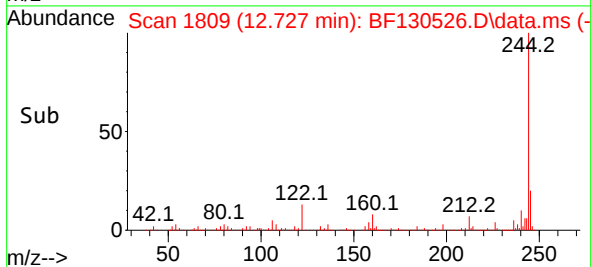
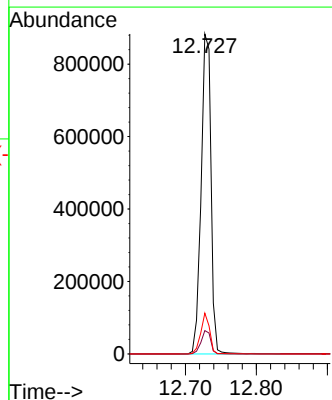
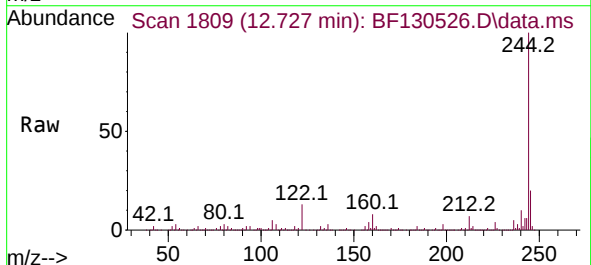


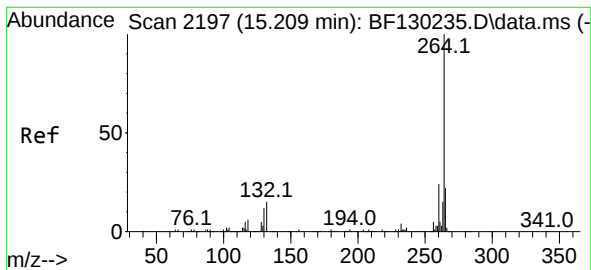
Tgt Ion:184 Resp: 12745
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 4.7 9.1 13.7#



#79
Terphenyl-d14
Concen: 92.260 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130526.D
Acq: 04 Oct 2022 19:17

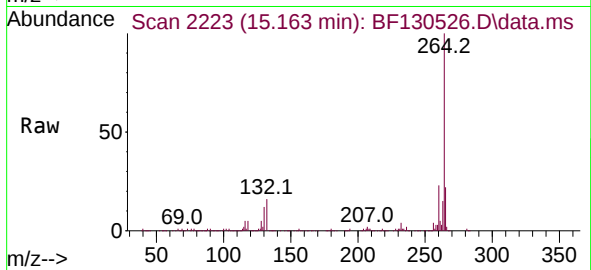
Tgt Ion:244 Resp: 848838
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.7 8.5 12.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.163 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130526.D
 Acq: 04 Oct 2022 19:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 182694
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.6 17.0 25.4

